



Curriculum Vitae

Olha Suprun



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Google Scholar profile:

<https://scholar.google.com.ua/citations?user=BZna6AcAAAAJ&hl=uk>

Sex: female

Citizenship: Ukraine

Degree	Candidate of Physical and Mathematical Sciences
Academic status	Associate Professor
Position	Associate Professor
Department	Theory And Technology Of Programming
Faculty / Institute	Computer Science and Cybernetics
Part-time position	none

The Educational Disciplines, In The Teaching Of Which Participated:

This year	<ol style="list-style-type: none">1. Theory of formal grammars, bachelor's degree, 3rd year, lectures, seminar classes.2. System programming, bachelor's degree, 4th year, lectures, laboratory classes.3. Operating systems for mobile platforms, bachelor's degree, 3rd year, lectures, laboratory classes.4. Operating systems, master's degree, 1st year, lectures, laboratory classes.5. Web design technologies, master's degree, 1st year, lectures, laboratory classes.6. Software engineering, master's degree, 2nd year, lectures, laboratory classes.
In previous periods	<ol style="list-style-type: none">1. Discrete mathematics (using information technologies), bachelor's degree, 1st year, lectures.2. Algorithms and data structures, bachelor's degree, 1st year, lectures, laboratory classes.

	<p>3. Theory of algorithms, bachelor's degree, 1st year, lectures, laboratory classes.</p> <p>4. Algorithmization and calculation methods, bachelor's degree, 1st year, lectures</p> <p>5. Arithmetic and logical foundations of computers, bachelor's degree, 1st year, lectures, laboratory classes.</p> <p>6. Applied software, bachelor's degree, 2nd year, lectures, laboratory classes.</p> <p>7. Security of programs and data, bachelor's degree, 3rd year, lectures, laboratory classes.</p> <p>8. Decision optimization methods, bachelor's degree, 3rd year, lectures, laboratory classes.</p> <p>9. Survivability of information systems, bachelor's degree, 4th year, lectures, laboratory classes.</p> <p>10. Software systems design technology, master's degree, 1st year, lectures, laboratory classes.</p> <p>11. Methods of mathematical modeling and optimization of systems and processes, masters, 1st year, laboratory classes.</p> <p>12. Identification and authentication of digital images, master's degree, 1st year, lectures, laboratory classes.</p> <p>13. Master's theory of risks, 1st year, lectures, practical classes.</p> <p>14. Steganographic information protection technologies, masters, 1st year, lectures, laboratory classes.</p>
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Experience of Scientific and Scientific-Pedagogical Work:

Period (starting with the last one)	Stage (description)
01.09.2023- until now	Associate Professor of the Department of Theory and Technology of Programming
	Taras Shevchenko National University of Kyiv, 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, univ.kiev.ua
	Educational work
01.09.2022- 31.08.2023	Associate Professor of the Department of Computerized Control Systems
	National Aviation University, Kosmonavta Komarova Ave., 1, 03058, nau.edu.ua
	Researcher of the laboratory of sensors of intelligent objects and data transmission systems
01.04.2022- 31.09.2022	Republic of Poland, Wroclaw Polytechnic, Faculty of Informatics and Communication Technologies, Department of Telecommunications and ICT
	Research work
	Associate Professor at the Department of Cybersecurity

01.07.2021- 30.08.2022	National Academy of the Security Service of Ukraine, 5 Maksymovicha St., 5, Kyiv, Ukraine
	Educational work
14.06.2014 – 30.06.2021	Associate Professor at the Department of Software Systems and Technologies
	Taras Shevchenko National University of Kyiv, 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, univ.kiev.ua
	Educational work, deputy head of the department for educational activities
01.09.2003- 13.06.2014	Associate Professor of Applied Mathematics
	National Aviation University, Kosmonavta Komarova Ave., 1,
	Educational work, deputy head of the department
01.09.2005- 30.06.2006	Deputy Dean on Educational Work of the Faculty of Telecommunications and Information Protection
	National Aviation University, Kosmonavta Komarova Ave., 1, 03058, nau.edu.ua
	Educational-organizational work
01.09.1988 – 31.08.2003	Assistant and Associate Professor of the Department of Higher Mathematics
	National Aviation University, Kosmonavta Komarova Ave., 1, Kyiv, Ukraine, 03058, nau.edu.ua
	Educational work
01.10.1993 – 30.06.1994	Deputy Dean for the teaching and methodological work of the faculty of correspondence studies
	National Aviation University, Kosmonavta Komarova Ave., 1, Kyiv, Ukraine, 03058, nau.edu.ua
	Educational-methodological work
01.09.1983 – 31.08.1988	Engineer and Junior Researcher of Scientific Research Department of the Faculty of Cybernetics
	Taras Shevchenko National University of Kyiv, 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, univ.kiev.ua
	Scientific work

Training and internship:

23.01.2023– 03.02.2023	"University of Education Management", Central Institute of Postgraduate Education
	Advanced qualification under the OPP "Scientific and pedagogical workers of universities, academies, institutes", certificate
20.06.2022– 25.06.2022	USAID project "Cybersecurity of critical infrastructure of Ukraine"
	Course "Assessing the results of professional qualifications in the field of information technology and cybersecurity", certificate
11.01.2021– 15.01.2021	Institute for Training Specialists of the National Certification Department

	Training with separation from production on the topic: "Preparation of a candidate for auditors for the certification of the information security management system in accordance with the requirements of DSTU ISO/IEC 27001:2015", certificate of a candidate for auditors
20.11.2019 – 14.02.2020	National Aviation University
	Advanced training at the software engineering department of the faculty of cyber security, computer and software engineering, certificate
22.10.2018 – 06.11.2018	Czech Republic, Prague, Prague University of Economics
	Traineeship in the program "Innovation in educational process: methods, approaches, technologies (on the example of preparation of bachelors and masters)", certificate
28.10.2017 – 28.11.2017	Republic of Poland, Wroclaw, Wroclaw Polytechnic, Department of Telecommunications and Teleinformatics
	Traineeship in the program for qualification enhancement for the professors of higher educational establishments entitled "Methods for improving the security of the computer", certificate
20.11.2016 – 27.11.2016	Czech Republic, Prague, Prague Institute for Qualification Enhancement
	Traineeship in the program for qualification enhancement for the professors of higher educational establishments entitled "Publishing and project activity in the European Union countries: a bedside approach", certificate
01.09.2015 – 20.06.2017	Training at First State foreign language courses (English) (level B2).
	Certificate
18.06.2014 – 18.07.2014	Microsoft IT Academy "Programming with C# by Using the Microsoft.NET"
	Certificate
30.09.1987– 28.08.1991	Correspondence training postgraduate study at the Faculty of Cybernetics, Kyiv State University. T. Shevchenko
	Scientific degree of the Candidate of Physical and Mathematical Sciences (specialization 01.01.06 – Algebra and Theory of Numbers), diploma topic "Locally compact groups with some restrictions for intersection operations and topological generation of subgroups"
01.09.1978 – 30.06.1983	Faculty of Cybernetics, Taras Shevchenko National University of Kyiv, 64/13, Volodymyrska Street, Kyiv, Ukraine, 01601, univ.kiev.ua
	Specialty Applied Mathematics, Qualification Mathematician, honors degree

Personal Skills:

Name	Level (description)
Native language	Ukrainian
Foreign language 1	English, B1/B2, Certificate Cyber Bionics Systematic, Certificate, First State foreign language courses
Foreign language 2	Polish – with dictionary
Communication competence	Work and communication skills were obtained while working in the team on a scientific project "Research of algorithms for processing of phasometric information and methods of their tests in natural conditions", the duties of deputy dean, organization of faculty events, different training and educational courses
Organizational / managerial competence	Managed a student team (200 people)
Digital competencies	Processing information: High Communication: Professional Creating content (programs, sites): Basic Network and Software Security: High Problem solving: High

Додаткова інформація:

Name	Description
Main publications in recent years	<ol style="list-style-type: none"> 1. Popereshniak S.V., Suprun O.M., Suprun O.O., Wientskovskiyi T. Personal Documents Identification System Development Using Neural Network: Proceeding of the XIIIth International Scientific and Technical Conference on Computer Science and Information Technologies (CSIT) , Lviv, Ukraine, September 11-14, 2018. IEEE Catalog Number: CFP18D36-PRT, ISBN: 978-1-5386-6463-6, pp. 129-134. Scopus 2. Suprun O., Nechiporuk O., Kashkevich I.-F., Nechiporuk V., Poburko O., Apenko N. Identification of Combinations of Faults in Multilevel Information Systems: Proceeding of the International Conference on the Perspective Technologies and Methods in MEMS Design (MEMSTECH), Lviv, April 22-26, 2020, IEEE Part Number: CFP2064A-PRT, ISBN (IEEE): 978-1-7281-7179-1, pp. 76-81. Scopus 3. Suprun O., Yudin O., Zyubina R., Buchyk S., Matviychuk-Yudina O., Ivannikova V. Development of Methods for Identification of Informationcontrolling Signals of Unmanned Aircraft Complex Operator: Eastern European Journal of Advanced Technologies (Easten- European Journal of Enterprise Technologies), Vol 2, No 9(104) (2020), pp. 56-64, http://journals.uran.ua/eejet/article/view/195510 Scopus 4. Olha Suprun, Anton Sorokun, Oleh Suprun, Viktor Matviichuk, Serhii Voskoboinikov, Yurii Babenko. Research of Features and Possibilities of Modern Real Time Video Services : Proceeding of the International Conference on Advanced Trends in Information Theory

(ATIT 2020), Kyiv, Ukraine, 25.11.21-27.11.20, 2020. IEEE Catalog Number: ISBN 978-1-7281-9799-9/20/\$31.00©2020 IEEE, pp.92-96. <https://ieeexplore.ieee.org/xpl/conhome/9349268/proceeding> Scopus

5. Olha Suprun, Oleksandr Yudin, Mykhailo Strelbitskyi, Valentyn Mazur, Viktoriia Ivannikova, Mykola Prysiazhniuk. Harmonization of Systems of Discretionary Differentiation of Access to Information Systems at the Stage of Modernization: Proceeding of the 3rd International Conference on Advanced Trends in Information Theory (ATIT 2021), Kyiv, Ukraine, 15.12.21-17.12.21, 2021. IEEE Catalog Number: ISBN 978-1-6654-3847-6/21/\$31.00 © 2021 IEEE, pp.191-194. Scopus

6. Olha Suprun, Maksym Ivasenko, Oleh Suprun. Information Transmission Protection Using Linguistic Steganography With Arithmetic Encoding And Decoding Approach: Proceeding of the 3rd International Conference on Advanced Trends in Information Theory (ATIT 2021), Kyiv, Ukraine, 15.12.21-17.12.21, 2021. IEEE Catalog Number: ISBN 978-1-6654-3847-6/21/\$31.00 © 2021 IEEE, pp.174-178. Scopus

7. Olha Suprun, Nadiia Marchenko, Olena Nechyporuk, Oksana Martynova, Oleh Suprun, Maksym Melnyk. Methods of Designing Adaptive Systems of Multilevel Monitoring and Diagnosis for Recognition and Forecasting of Technological Condition of Complex Technical Objects: Proceeding of the 3rd International Conference on Advanced Trends in Information Theory (ATIT 2021), Kyiv, Ukraine, 15.12.21-17.12.21, 2021. IEEE Catalog Number: ISBN 978-1-6654-3847-6/21/\$31.00 © 2021 IEEE, pp.290-293. Scopus

8. Olha Suprun. Artificial neural network for the blind method of jpeg steganography. International scientific and technical conference "Intelligent technologies of linguistic analysis: theses of reports". National Aviation University, Kyiv, October 18-19, 2022 - Kyiv: NAU, 2022, p. 12.

9. Suprun Olha, Golovenko Andriy, Burbela Olga, Volkova Ksenia, Voronov Viktor, Golovko Yaroslav, Zhilin Artem, Ivanchenko Yevgenia, Konyushok Serhiy, Korchenko Oleksandr, Lukova-Chuiko Natalia, Makovets Serhiy, Mazur Natalya, Nevara Liliya, Pazyuk Andriy, Pedchenko Evgeny, Dmytro Prokopovich-Tkachenko, Roman Proskurovsky, Mykhailo Rybka. Professional standard "Specialist in the field of information protection". Order No. 715 of the State Special Communications Administration, approved November 25, 2022.

10. Olha Suprun, Oleksandr Petrushkevich, Vitaly Bezshanko, Serhii Hnatiuk, Andriy Davidyuk, Zhilin Artem, Ihor Ivanchenko, Oleksandr Korchenko, Kira Lebedenko, Vadim Lipinskyi, Natalya Mazur, Nevara Liliya, Oleksiuk Liliya, Pazyuk Andriy, Filipova Olga, Chevardin Vladyslav, Chetverikov Ivan, Yudin Oleksandr, Yudin Oleksii. Professional standard "Security analyst of information and telecommunication systems". Order No. 715 of the State Special Communications Administration, approved November 25, 2022.

11. Suprun Olha, Lysenko Yuliya, Burbela Olga, Gubrienko Roman, Yesin Vitaly, Ivanchenko Yevheniya, Konyushok Serhiy, Leonov Andriy, Lipinsky Vadim, Makovets Serhiy, Maslennikova Tetyana, Mazur Natalya, Nevara Liliya, Pazyuk Andriy, Pedchenko Yevgeny, Popel Valery, Samokhvalov Yury, Severinov Oleksandr, Tolyupa Serhiy, Chetverikov Ivan, Yudin Oleksandr, Yudin Oleksii. Professional standard "Security specialist (information and communication technologies)". Order No. 715 of the State Special Communications Administration , approved November 25, 2022.
12. Suprun Olha, Bakalinsky Oleksandr, Vitaly Bezshanko, Davydenko Anatoliy, Yesin Vitaliy, Ivanchenko Ihor, Konyushok Sergey, Korchenko Oleksandr, Leonov Andriy, Lipinsky Vadim, Mazur Natalya, Nevara Liliya, Oleksyuk Liliya, Pazyuk Andriy, Prokopovich-Tkachenko Dmytro, Samokhvalov Yurii, Oleksandr Severinov, Serhii Tolyupa, Olga Filipova, Valery Tsyupa, Ivan Chetverikov, Tetiana Shtompel, Oleksandr Yudin, Oleksii Yudin. Professional standard "Instructor-methodologist in information security and cyber security". Order No. 715 of the State Special Communications Administration, approved November 25, 2022.
13. Olha Suprun, Oleksandr Ponomarenko, Andrii Ponomarenko, Nazarii Savorona, Vitalii Nechyporuk. Information Capacity of Traffic Parameters of the Wireless Network of Critical Application: Proceeding of the 4th International Conference on Advanced Trends in Information Theory (ATIT 2022), Kyiv, Ukraine, 15.12.22-17.12.221, 2022. IEEE Catalog Number: ISBN 979-8-3503-3262-9/22/\$31.00 ©2022 IEEE, pp.273-276. <https://ieeexplore.ieee.org/document/10024246> Scopus
14. Olha Suprun, Kseniya Kurin, Oleksandr Yudin, Oleh Suprun, Oleksandr Provotar, Oleksii Yudin. Visual Data Coding Algorithms for the Problem of Steganographic Information Protection: Proceeding of the 4th International Conference on Advanced Trends in Information Theory (ATIT 2022), Kyiv, Ukraine, 15.12.22-17.12.221, 2022. IEEE Catalog Number: ISBN 979-8-3503-3262-9/22/\$31.00 ©2022 IEEE, pp.290-294. <https://ieeexplore.ieee.org/document/10024189> Scopus
15. Olha Suprun, Kseniya Kurin, Oleksandr Yudin, Oleh Suprun, Olexandr Bakalynskyi, Oleksandr Ponomarenko. Effectiveness Evaluation of the Method for Invariant-Spatial Coding of Visual Data of Different Classes: Proceeding of the 4th International Conference on Advanced Trends in Information Theory (ATIT 2022), Kyiv, Ukraine, 15.12.22-17.12.221, 2022. IEEE Catalog Number: ISBN 979-8-3503-3262-9/22/\$31.00 ©2022 IEEE, pp.295-299. <https://ieeexplore.ieee.org/document/10024223> Scopus
16. Olha Suprun, Mykhailo Strelbitskyi, Vitalii Bezshanko, Viktoriia Ivannikova, Evgen Ivanov, Olena Matviichuk-Yudina. Method for Determining the Informativeness and Compliance of Critical Data in the General Field of the Information and Communication System: Proceeding of the 4th International Conference on Advanced Trends in Information

	<p>Theory (ATIT 2022), Kyiv, Ukraine, 15.12.22-17.12.221, 2022. IEEE Catalog Number: ISBN 979-8-3503-3262-9/22/\$31.00 ©2022 IEEE, pp.304-307. tps://ieeexplore.ieee.org/document/10024194 Scopus</p> <p>17. Olha Suprun, Kseniya Kurin, Oleksandr Yudin, Viktoriia Ivannikova, Iryna Tregubenko, Oleksii Yudin. Method for Encoding the Message Source According to the Characteristics of the Structural Group and Their Quantitative Measure: Proceeding of the 4th International Conference on Advanced Trends in Information Theory (ATIT 2022), Kyiv, Ukraine, 15.12.22-17.12.221, 2022. IEEE Catalog Number: ISBN 979-8-3503-3262-9/22/\$31.00 ©2022 IEEE, pp.308-312. https://ieeexplore.ieee.org/document/10024239 Scopus</p> <p>18. Suprun O.M. Methods of identification of audio signals during the control of unmanned aerial vehicles: Development of information technologies of the aviation industry: theses of scientific round table reports. [Electronic resource] (Kyiv, April 25, 2023). K., 2023. P. 9-12.</p>
Prizes and awards	<ol style="list-style-type: none"> 1. Award of the State Service of Special Communications and Information Protection of Ukraine, July 4, 2007. 2. Diploma of the best teacher of the Faculty of Information Technologies in 2014/2015. KNU named after Taras Shevchenko. 3. Award of the Institute of Modernization of Education Content of the Ministry of Education and Science of Ukraine, 2017. 4. Award of the National Academy of Pedagogical Sciences of Ukraine, 2019 5. Award of the Kyiv city organization of the trade union of education and science workers of Ukraine, 2020.